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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/930,933	08/16/2001	Norman Ken Ouchi		2272

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EXAMINER

BILGRAMI, ASGHAR H

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 11/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/930,933	<b>Applicant(s)</b> OUCHI, NORMAN KEN	
	<b>Examiner</b> Asghar Bilgrami	<b>Art Unit</b> 2143	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) #  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Breen et al (U.S. Pub No 2004/0002913 A1).

3. As per claims 1, 7 & 17 Breen disclosed an information transfer protocol system connected to a network, a computer with a display for a user connected to the network, and an information transfer protocol using the network and supporting a process describable as a finite state machine and a state dependent information transfer message where the information transfer protocol system comprising the finite state machine describing the process, an information storage, a process state storage (paragraphs 34, 49, 50); receives a first state dependent information transfer message from the network; determines from the process state storage, the first state dependent information transfer message, and the finite state machine describing the process, the next state of the process; determines from the next state of the process, the first state dependent information transfer message, and the information storage, the information needed to be entered by the user; generates a screen displaying information from the first state dependent information transfer message and the information storage and requesting the information needed to be entered by the user; sends the screen to the computer with the display for the user to enter

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the requested information; receives the requested information entered by the user; updates the information storage; updates the process state; creates using the information entered by the user and information from the information storage, a second state dependent information transfer message; sends the second state dependent information transfer message to the network; and, completes the operation on the first state dependent information transfer message (paragraphs. 69, 81).

4. As per claims 2 & 16 Breen disclosed the information transfer protocol system of claim 1, wherein the network is the Internet and the computer with a display uses a Web browser for the display program (paragraph. 50).

5. As per claim 3 Breen disclosed the information transfer protocol system of claim 1, wherein the contents of the information storage or process state storage may be accessed from the network (paragraph. 49).

6. As per claim 4 Breen disclosed The information transfer protocol system of claim 1, wherein the contents of the information storage or process state storage may be altered from the network (paragraph. 49).

7. As per claims 5 & 20 Breen disclosed the information transfer protocol system of claim 1, further comprising a rule storage and a field value storage and before determining the information needed to be entered by the user, determines from the next state of the process (paragraph. 34), the first state dependent business information transfer message, the rule storage,

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and the field value storage, if an automated response is to be sent and if so determined (paragraph. 78): • creates using the information from the information storage, the first state dependent transfer message, and the rule storage, a second state dependent information transfer message; • sends the second state dependent information transfer message to the network; • updates the information storage and the process state; and, • completes the operation on the first state dependent information transfer message (paragraph. 52, 53)

8. As per claims 6 & 19 Breen disclosed he information transfer protocol system of claim 1 and an enterprise system where both are connected by a network and the information transfer protocol system further comprising a rule storage and a field value storage and before determining the information needed to be entered by the user, determines from the next state of the process, the first state dependent business information transfer message, the rule storage, and the field value storage, if a enterprise systems message is to be sent and if so determined, •creates using the information from the information storage, the first state dependent transfer message, and the rule storage, an enterprise systems message •sends the enterprise systems message to the enterprise system • updates the information storage and the process state (paragraphs. 45, 49, 80, 81)

9. As per claim 8 Breen disclosed the private exchange server of claim 7, which is further comprised of a third information transfer protocol system with a third user wherein the first user modifies information in the first information transfer protocol system and based on this modification the information transfer protocol modifies information in the third information transfer protocol system for use by the third user (paragraphs. 45, 80, 81, 82).

10. As per claim 9 Breen disclosed the private exchange server of claim 7 and a fourth information transfer protocol system with a fourth user where the fourth information transfer protocol system is external to the private exchange server, both connected to a network that supports the information transfer protocol, wherein the first user modifies information in the first information transfer protocol system and based on this modification the information transfer protocol modifies information in the fourth information transfer protocol system for use by the fourth user (paragraphs. 45, 80, 81, 82).

11. As per claim 10 Breen disclosed the private exchange server of claim 7, which is further comprised of a fifth information transfer protocol system and a sixth information transfer protocol system with a sixth user where the sixth information transfer protocol system is external to the private exchange system, all connected to a network that supports the information transfer protocol, wherein the first user modifies information in the first information transfer protocol system and based on this modification the information transfer protocol modifies information in the fifth information transfer protocol system and based on this modification the information transfer protocol modifies information in the sixth information transfer protocol system for use by the sixth user (paragraphs. 45, 80, 81, 82).

12. As per claim 11 Breen disclosed the private exchange server of claim 7 and an external receiver of the information transfer protocol, both connected to a network that supports the information transfer protocol, wherein the first user modifies information in the first information transfer protocol system and based on this modification the information transfer protocol

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modifies information in the external receiver of the information transfer protocol (paragraphs. 34, 49, 50, 80).

13. As per claim 12 Breen disclosed the private exchange server of claim 7, where each information transfer protocol system further consists of a rule storage and a field value storage and before determining modifying information needed to be entered by the user, determines from the next state of the state dependent information transfer protocol, the rule storage, and the field value storage, if an automated response is to be sent and if so determined, • creates using the information from the information storage, the state of the state dependent information transfer protocol, and the rule storage, a state dependent information transfer message • sends the state dependent message to the receiving information transfer protocol system. • updates the information storage and the state of the state dependent information transfer protocol (paragraphs. 34, 49, 50, 80).

14. As per claim 13 Breen disclosed the private exchange server of claim 7 and an enterprise system where, both are connected by a network and where each information transfer protocol system further consists of a rule storage and a field value storage and before determining modifying information needed to be entered by the user, determines from the next state of the state dependent information transfer protocol, the rule storage, and the field value storage, if an enterprise message is to be sent and if so determined, (paragraphs. 60 thru 64) • creates using the information from the information storage, the state of the state dependent information transfer protocol, and the rule storage, an enterprise message sends the enterprise message to the

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enterprise system updates the information storage and the state of the state dependent information transfer protocol (paragraphs. 34, 49, 50, 80).

15. As per claim 14 Breen disclosed the private exchange server of claim 7 and an enterprise system where both are connected by a network and where each information transfer protocol system further consists of a rule storage and a field value storage and before determining modifying information needed to be entered by the user, determines from the next state of the state dependent information transfer protocol, the rule storage, and the field value storage (paragraphs. 60 thru 64), if the, modifying information is in an enterprise message and if so determined, • receives the enterprise message with the modifying information , • creates using the modifying information, information from the information storage, the state of the state dependent transfer, and the rule storage, a state dependent information transfer message , • sends the state dependent information transfer message to the receiving information transfer protocol system (paragraphs. 34, 49, 50, 80).

16. As per claim 15 Breen disclosed the information transfer protocol system of claim 1 and an enterprise system where both are connected by a network and each information transfer protocol system further comprising a rule storage and a field value storage and before determining the information needed to be entered by the user, determines from the next state of the process, the first state dependent business information transfer message, the rule storage, and the field value storage, if the modifying information is in an enterprise message and if so determined, • receives the enterprise message; • creates using the information from the information storage, the first state dependent transfer message, the rule storage, and the



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enterprise systems message, a second state dependent information transfer message, • sends the second state dependent information transfer message to the network and, • updates the information storage and the process state; • completes the operation on the first state dependent information transfer message (paragraphs. 34, 49, 50, 80)..

17. As per claim 18 Breen disclosed the closed loop business process exchange of Claim 17, a third business process system with a third user, where the closed loop business process exchange and the third business process system are connected by a network that supports the information transfer protocol wherein the first user using the first business process system initiates the closed loop business process with the third business process system with the third user, the third user responds using the third business process system to the first business process system with the first user, and the closed loop business process loops between the first user and the third user until the closed loop business process completes (paragraphs. 34, 45, 49 & 80).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asghar Bilgrami whose telephone number is 571-272-3907. The examiner can normally be reached on M-F, 8:00-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Asghar Bilgrami

Examiner

Art Unit 2143

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BUNJOB JAROENCHONWANIT  
PRIMARY EXAMINER